

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010423\
 Data File : BM038367.D
 Acq On : 04 Jan 2023 13:04
 Operator : CG/JU
 Sample : SST08019
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST080023

Quant Time: Jan 05 01:34:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM010423.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 05 01:28:53 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/05/2023
 Supervised By :mohammad ahmed 01/05/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	73969	20.000	ng/u1	0.00
20) Naphthalene-d8	10.816	136	281540	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.633	164	188849	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.374	188	432082	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	464038	20.000	ng/u1	0.00
88) Perylene-d12	23.980	264	477933	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	66649	33.718	ng/uL	0.00
4) Pyridine-d5	3.799	84	527034	98.983	ng/u1	0.00
7) Phenol-d5	7.169	99	566265	93.078	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	408487	100.516	ng/u1	0.00
11) 2-Chlorophenol-d4	7.534	132	418137	91.508	ng/u1	0.00
15) 4-Methylphenol-d8	8.728	113	426515	89.690	ng/u1	0.01
21) Nitrobenzene-d5	9.181	128	191578	89.735	ng/u1	0.00
24) 2-Nitrophenol-d4	9.904	143	227284	91.980	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.439	165	432780	88.472	ng/u1	0.00
31) 4-Chloroaniline-d4	10.963	131	549360	86.435	ng/u1	0.00
46) Dimethylphthalate-d6	14.051	166	1240394	87.612	ng/u1	0.00
49) Acenaphthylene-d8	14.333	160	1504680	91.409	ng/u1	0.00
54) 4-Nitrophenol-d4	14.851	143	222142	88.851	ng/u1	0.01
60) Fluorene-d10	15.627	176	1164859	93.025	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	268984	86.994	ng/u1	0.01
73) Anthracene-d10	17.480	188	1907299	94.420	ng/u1	0.00
81) Pyrene-d10	19.762	212	2326204	93.011	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.827	264	2175195	91.933	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	72636	35.430	ng/uL	94
5) Pyridine	3.816	79	549342	98.370	ng/u1	97
6) Benzaldehyde	7.145	77	223682	95.020	ng/u1	95
8) Phenol	7.198	94	596727	94.416	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.428	93	478253	92.575	ng/u1	99
12) 2-Chlorophenol	7.569	128	426608	91.473	ng/u1	99
13) 2-Methylphenol	8.451	108	417662	90.650	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.539	45	754906	106.833	ng/u1	97
16) Acetophenone	8.839	105	748750	91.346	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.834	70	438070	103.364	ng/u1	99
18) 4-Methylphenol	8.792	108	455151	90.535	ng/u1	99
19) Hexachloroethane	9.087	117	193860	86.526	ng/u1	92
22) Nitrobenzene	9.222	77	607114	97.413	ng/u1	98
23) Isophorone	9.757	82	1081848	97.540	ng/u1	99
25) 2-Nitrophenol	9.934	139	234176	90.839	ng/u1	97
26) 2,4-Dimethylphenol	9.992	107	519859	92.714	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.228	93	605360	90.681	ng/u1	98
29) 2,4-Dichlorophenol	10.469	162	415537	89.810	ng/u1	97
30) Naphthalene	10.869	128	1263366	86.889	ng/u1	99
32) 4-Chloroaniline	10.986	127	560612	85.968	ng/u1	99
33) Hexachlorobutadiene	11.145	225	308905	81.216	ng/u1	95
34) Caprolactam	11.792	113	116793m	89.398	ng/u1	
35) 4-Chloro-3-methylphenol	12.110	107	451666	96.007	ng/u1	97
36) 2-Methylnaphthalene	12.475	142	876017	89.842	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.692	142	906329	90.907	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.839	216	586067	84.538	ng/ul	99
40) Hexachlorocyclopentadiene	12.810	237	403858	82.690	ng/ul	98
41) 2,4,6-Trichlorophenol	13.080	196	370731	86.563	ng/ul	98
42) 2,4,5-Trichlorophenol	13.151	196	400635	89.116	ng/ul	99
43) 1,1'-Biphenyl	13.474	154	1252103	88.917	ng/ul	98
44) 2-Chloronaphthalene	13.522	162	1011334	88.215	ng/ul	99
45) 2-Nitroaniline	13.733	65	358677	107.832	ng/ul	99
47) Dimethylphthalate	14.098	163	1252440	87.981	ng/ul	100
48) 2,6-Dinitrotoluene	14.227	165	254805	92.804	ng/ul	89
50) Acenaphthylene	14.363	152	1561292	91.882	ng/ul	99
51) 3-Nitroaniline	14.557	138	220038	89.719	ng/ul	96
52) Acenaphthene	14.704	153	1103324	91.788	ng/ul	98
53) 2,4-Dinitrophenol	14.763	184	187210	91.351	ng/ul	95
55) 4-Nitrophenol	14.863	109	231118	95.209	ng/ul	99
56) Dibenzofuran	15.033	168	1565298	91.826	ng/ul	100
57) 2,4-Dinitrotoluene	15.010	165	373058	94.406	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.263	232	367794	89.319	ng/ul	97
59) Diethylphthalate	15.451	149	1323093	91.403	ng/ul	100
61) Fluorene	15.680	166	1435672	99.663	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.674	204	741191	94.567	ng/ul	99
63) 4-Nitroaniline	15.715	138	208915m	93.049	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.768	198	257068	86.508	ng/ul	99
67) N-Nitrosodiphenylamine	15.886	169	1103675	93.427	ng/ul	99
68) 4-Bromophenyl-phenylether	16.563	248	417356	86.590	ng/ul	96
69) Hexachlorobenzene	16.680	284	480414	84.443	ng/ul	97
70) Atrazine	16.839	200	429650	84.986	ng/ul	96
71) Pentachlorophenol	17.027	266	298673	85.030	ng/ul	99
72) Phenanthrene	17.421	178	2115712	92.523	ng/ul	100
74) Anthracene	17.515	178	2218882	95.157	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.439	216	565461	82.425	ng/uL	97
76) Pentachlorobenzene	14.951	250	557950	84.387	ng/uL	98
77) Carbazole	17.786	167	1858161	88.373	ng/ul	99
78) Di-n-butylphthalate	18.333	149	2476048	98.237	ng/ul	99
80) Fluoranthene	19.427	202	2663635	93.196	ng/ul	100
82) Pyrene	19.792	202	2898611	94.457	ng/ul	100
83) Butylbenzylphthalate	20.674	149	1132996	96.733	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.462	252	791251	80.501	ng/ul	99
85) Benzo(a)anthracene	21.533	228	2896560	91.366	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.439	149	1784692	98.859	ng/ul	97
87) Chrysene	21.586	228	2705578	88.581	ng/ul	98
89) Di-n-octyl phthalate	22.374	149	3028627	96.685	ng/ul	100
90) Benzo(b)fluoranthene	23.239	252	2793503	93.324	ng/ul	100
91) Benzo(k)fluoranthene	23.291	252	2803966	93.933	ng/ul	99
93) Benzo(a)pyrene	23.880	252	2475407	93.294	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.538	276	3173374	93.780	ng/ul	99
95) Dibenzo(a,h)anthracene	26.550	278	2691267	96.148	ng/ul	99
96) Benzo(g,h,i)perylene	27.326	276	2468793	89.576	ng/ul	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

